



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

ASAP Now

647.2114
Job Sheet 169382



Part No: 647.2114

Job Qty: 10 ea

Part Name: Upper U Channel



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 12/8/17

Job Tracking No:

Due Date: 1/12/18

Created By: Mario Poulin

Type: SOLD

Description:

Note: DWG REV E IPP REV:A NEW ISSUE 16/05/13 JFS VERIFIED BY:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	10 Ea		1/11/18	0.00	0.00	Start Up Machining-1		<i>1.1 18-02-07</i>
100	Bandsaw	10 pcs		1/11/18	0.00	0.00	Bandsaw1		<i>1.1 18-02-07</i>
105	CNC Vertical Machining	10 pcs		1/12/18	0.00	10.35	HAAS 5 Axis		<i>1.1 18-02-07</i>
110	QC	10 pcs		1/12/18	0.00	0.00	QC1		<i>1.1 18-02-07</i>
117	QC	10 pcs		1/12/18	0.00	0.00	QC8 Machining-1		<i>1.1 18-02-07</i>
120	Outsource	10 pcs		1/12/18	0.00	0.00	Outsource4		<i>AT 18/03/01</i>
130	Packaging	10 pcs		1/12/18	0.00	0.00	Packaging2		<i>AT 18/03/01</i>
140	QC	10 pcs		1/12/18	0.00	0.00	QC5		<i>38 MAR 02 2018</i>
170	Packaging	10 pcs		1/12/18	0.00	0.00	Packaging3-1	<i>CC1001</i>	<i>9-50</i>
190	QC21-SA	10 Ea		1/12/18	0.00	0.00	QC21		<i>DAS 21 MAR 05 2018</i>

Part Op 100 - CUT AT 22.000" LONG
Descriptions: 105 - 1-Machine per folio FB476
110 - Inspect on CMM as per folio CMMA038.
120 - Issue P/O to ATG : *038709* 1- Anodize as per MPP-172 sect. 2.1 2- Pretreatment as per MPP-172 sect. 3.3
3-Prime as per MPP-172 sect. 4.3
170 - Identify as per MPP-120

FEB 12 2018 *WLB*

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M7075T6S1.750X2.250	7075-T6 Sheet 1.750" X 2.250"	18.3400 ft (1.834 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M7075T6S1.750X2.250	18	50	0

Part Specifications

Specifications could not be found.

DART
AEROSPACE
S040312

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com



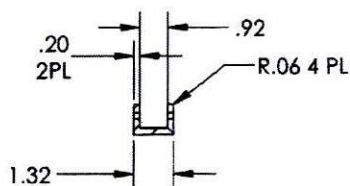
Upper U Channel

PART NO: 647.2114
Original Serial #: S040312
Revision:
Operation:
Change No:

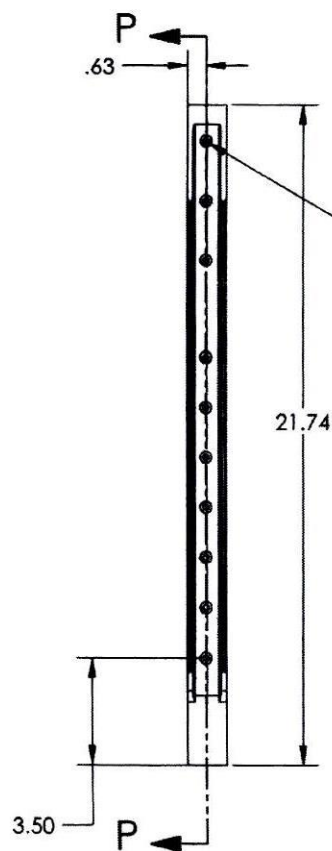
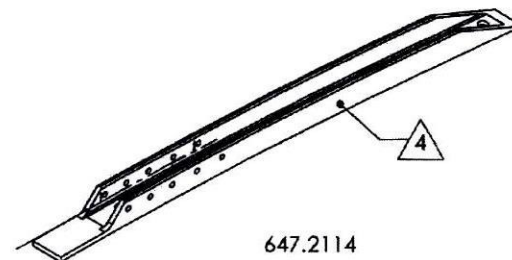
Start up Operation 02/07/18

Job No: 169382

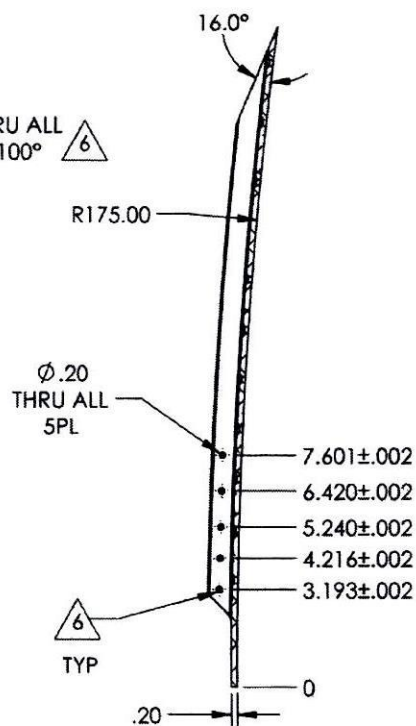
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DBA DART AEROSPACE. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES DBA DART AEROSPACE IS PROHIBITED.



SECTION R-R



10X $\phi .201$ THRU ALL
 $\phi .39 \times 100^\circ$ 6



SECTION P-P

ORIGINAL DATE UNION-TO		CHECKED P. BRAY	
DRAWN BY S. HUFF		CHECKED P. BRAY	
DRAWING APPROVAL P. BRAY		APICAL INDUSTRIES, INC. 3030 ENTERPRISE CT., SUITE A VISTA, CA 92081 (760)-724-5300	
CONTACT: 140		MOUNTING RAIL	
SEE	CAGE CODE	QND NO	REV
B	07M26	647.2100	E
SCALE NONE		SHEET 5 OF 5	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐				



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO038709

Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalonde, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO038709
PO Date: 2/12/18
Due Date: 2/23/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

E-MAILED
FEB 13 2018

Items										Extended Price
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	
1	169382	647.2114	Upper U Channel Issue P/O to ATG : _____ 1- Anodize as per MPP-172 sect. 2.1 2- Pretreatment as per MPP-172 sect. 3.3 3-Prime as per MPP-172 sect. 4.3 As Per Dwg 647.2100 Rev. E	Firmed	3/2/18	10 pcs	0 pcs	10 pcs	\$13.52/pcs	\$135.20
2	169389	647.7821	Eye Bolt Fitting LH Issue P/O to ATG : _____ 1- Black Anodize as per Dwg 647.7800 Rev. A 2- PRIME AS PER DWG 648.7800 Rev. A	Firmed	3/2/18	15 pcs	0 pcs	15 pcs	\$11.32/pcs	\$169.80
3	169518	RBW109-3101-58-2-7	Handle -Issue P/O to ATG : _____ -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant As Per Dwg RBW109-3101-58-2-7 Rev. 3	Firmed	2/21/18	1 pcs	0 pcs	1 pcs	\$20.12/pcs	\$20.12
4	170458	646.3313	Upper Guide Issue P/O to ATG : _____ Hard Anodize Color Black and Prime as per DWG 646.3300	Firmed	3/2/18	9 pcs	0 pcs	9 pcs	\$15.37/pcs	\$138.33
5	170538	RBE350A93-3205-00E	Engine G/B Input Flange Holding Wrench -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant As Per Dwg RBE350A93-3205-00E Rev. 2A	Firmed	2/21/18	6 pcs	0 pcs	6 pcs	\$11.65/pcs	\$69.90
6	170553	647.0116		Firmed	3/2/18	20 pcs	0 pcs	20 pcs	\$9.67/pcs	\$193.40

DAS
11
9-89



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914685

Date: 28-Feb-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Diane Baker
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
8 ea	Part: 647.2114 Upper U Channel Anodize as per MPP-172 sect. 2.1 2 -Pretreatment as per MPP-172 sect 3.3 3-Prime as per MPP-172 sect 4.3 Job: 22527	Rev: E PO: PO038709	Line: 1
15 ea	Part: 647.7821 Eye Bolt Fitting LH Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (1 - 2 mils) per drawing. Job: 22528	Rev: A PO: PO038709	Line: 2
9 ea	Part: 646.3313 Upper Guide Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22530	Rev: A PO: PO038709	Line: 4
20 ea	Part: 647.0116 Doubler Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22532	Rev: B PO: PO038709	Line: 6
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: 28/2/18 Certified Signature: [Signature] Made in Canada.			



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914685

Date: 28-Feb-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Diane Baker
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms	Ship Via
	OUR TRUCK

Quantity	Description
	Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.
	Made in Canada.